

PTO/SB/01A (08-03)

Approved for use through 06/30/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)**Title of Invention** **System and Method for Non-Destructive Functional Imaging and Mapping of Electrical...**

As the below named inventor(s), I/we declare that:

This declaration is directed to:

- ☐ The attached application, or
- ☒ Application No. 10/724,448 , filed on November 26, 2003 ,
- ☐ as amended on _____ (if applicable);

I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;

I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

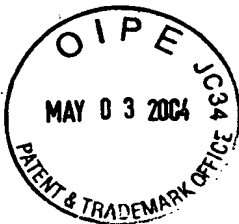
I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.

All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.

FULL NAME OF INVENTOR(S)Inventor one: Serguei Y. Semenov Date: April 14, 2004Signature: Serguei Semenov Citizen of: RussiaInventor two: Yuri E. Sizov Date: _____Signature: _____ Citizen of: RussiaInventor three: Alexander E. Bulyshev Date: April 14, 2004Signature: Bulyshev Citizen of: RussiaInventor four: Alexander E. Souvorov Date: _____Signature: _____ Citizen of: Republic of Belarus☒ Additional inventors or a legal representative are being named 1 additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	System and Method for Non-Destructive Functional Imaging and Mapping of Electrical...
As the below named inventor(s), I/we declare that: This declaration is directed to: <input type="checkbox"/> The attached application, or <input checked="" type="checkbox"/> Application No. <u>10/724,448</u> , filed on <u>November 26, 2003</u> , <input type="checkbox"/> as amended on _____ (if applicable); I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought; I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above; I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application. All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.	

FULL NAME OF INVENTOR(S)	
Inventor one: <u>Serguei Y. Semenov</u>	Date: _____
Signature: _____	Citizen of: <u>Russia</u>
Inventor two: <u>Yuri E. Sizov</u>	Date: <u>April 19, 2004</u>
Signature: <u>Yuri Sizov</u>	Citizen of: <u>Russia</u>
Inventor three: <u>Alexander E. Bulyshev</u>	Date: _____
Signature: _____	Citizen of: <u>Russia</u>
Inventor four: <u>Alexander E. Souvorov</u>	Date: _____
Signature: _____	Citizen of: <u>Republic of Belarus</u>

☒ Additional inventors or a legal representative are being named _____ additional form(s) attached hereto.

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PTO/SB/01A (08-03)
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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	System and Method for Non-Destructive Functional Imaging and Mapping of Electrical...
<p>As the below named inventor(s), I/we declare that:</p> <p>This declaration is directed to:</p> <p style="margin-left: 40px;"> <input type="checkbox"/> The attached application, or <input checked="" type="checkbox"/> Application No. <u>10/724,448</u>, filed on <u>November 26, 2003</u>, <input type="checkbox"/> as amended on _____ (if applicable); </p> <p>I/we believe that I/we am/are the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought;</p> <p>I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;</p> <p>I/we acknowledge the duty to disclose to the United States Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.</p> <p>All statements made herein of my/our own knowledge are true, all statements made herein on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001, and may jeopardize the validity of the application or any patent issuing thereon.</p>	
FULL NAME OF INVENTOR(S)	
Inventor one:	<u>Serguei Y. Semenov</u> Date: _____
Signature: _____	Citizen of: <u>Russia</u>
Inventor two:	<u>Yuri E. Sizov</u> Date: _____
Signature: _____	Citizen of: <u>Russia</u>
Inventor three:	<u>Alexander E. Bulyshev</u> Date: _____
Signature: _____	Citizen of: <u>Russia</u>
Inventor four:	<u>Alexander E. Souvorov</u> Date: <u>May 3, 2004</u>
Signature: 	Citizen of: <u>Republic of Belarus</u>
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named _____ 1 additional form(s) attached hereto.	

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PTO/SB/01A (08-03)

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- ☐ as amended on _____ (if applicable);

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I/ we have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above;

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FULL NAME OF INVENTOR(S)Inventor five: Vitaly G. PosukhDate: April 14, 2004Signature: PosukhCitizen of: Russia

Inventor six: _____

Signature: _____

Citizen of: _____

Inventor seven: _____

Signature: _____

Citizen of: _____

Inventor eight: _____

Signature: _____

Citizen of: _____

☐ Additional inventors or a legal representative are being named _____ additional form(s) attached hereto.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/81 (06-03)

Approved for use through 11/30/2005. OMB 0651-0035

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**POWER OF ATTORNEY and
CORRESPONDENCE
ADDRESS INDICATION FORM**

Application Number	10/724,448
Filing Date	November 26, 2003
First Named Inventor	Serguei Y. Semenov et al.
Art Unit	2621
Examiner Name	
Attorney Docket Number	0018323.00083

I hereby appoint:

☒ Practitioners at Customer Number

21878

OR

☐ Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

☐ The address associated with Customer Number:

OR

☐ Firm or
Individual Name

Address

Address

City

State

Zip

Country

Telephone

Fax

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name

Signature

Date

Telephone

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple

☐ *Total of _____ forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending on the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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37 C.F.R. §3.73(b) STATEMENT AND POWER OF ATTORNEY

The Assignee for the U.S. Design Patent Application filed herewith entitled **SYSTEM AND METHOD FOR NON-DESTRUCTIVE FUNCTIONAL IMAGING AND MAPPING OF ELECTRICAL EXCITATION OF BIOLOGICAL TISSUES USING ELECTROMAGNETIC FIELD TOMOGRAPHY AND SPECTROSCOPY** (hereinafter "Patent Application"), and the invention disclosed therein, hereby states pursuant to 37 C.F.R. §3.73(b) that the Assignee is now the sole owner of the Patent Application to the exclusion of each inventor thereof.

The Assignee establishes its ownership by submission herewith of an Assignment from each inventor of the Patent Application and the Assignee requests recordation thereof in the records of the U.S. Patent & Trademark Office. As the established owner of the Patent Application, the Assignee hereby invokes its right to conduct prosecution of the Patent Application to the exclusion of each named inventor.

The Assignee further hereby appoints the Attorneys and Patent Agents of Kennedy Covington Lobdell & Hickman, L.L.P., as identified by **Customer Number 021878** in the records of the U.S. Patent & Trademark Office and as updated from time to time, to prosecute the Patent Application and to transact all business in the U.S. Patent & Trademark Office connected therewith. All correspondence in this case should be directed to:

**James D. Wright
Kennedy Covington Lobdell & Hickman, L.L.P.
Hearst Tower, 47th Floor
214 N. Tryon Street, Charlotte, NC 28202**

The telephone number is (704) 331-7400 and the facsimile number is (704) 331-7598.

The Assignee hereby declares that no other person or entity is authorized to take any action before the U.S. Patent & Trademark Office with respect to the Patent Application. The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the Assignee.

By: The Charlotte-Mecklenburg Hospital Authority

Signature of

Karin Carey
Signature of Corporate Officer

5/3/04
Date

KARIN CAREY
Name of Corporate Officer

AVP Research
Title of Corporate Officer